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Customer NumberDUE DATE(S) \_\_\_\_\_  
ATTORNEY GDA  
DOCKETED gdaPatent  
Case No.: 58961US002

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: ROSENFLANZ, ANATOLY Z.

COPY

Application No.: 10/666098

Group Art Unit: 1755

Filed: September 18, 2003

Examiner: Karl E. Group

Title: CERAMICS COMPRISING AL<sub>2</sub>O<sub>3</sub>, Y<sub>2</sub>O<sub>3</sub>, ZrO<sub>2</sub> AND/OR HfO<sub>2</sub>, AND  
Nb<sub>2</sub>O<sub>5</sub> AND/OR Ta<sub>2</sub>O<sub>5</sub> AND METHODS OF MAKING THE SAMESUPPLEMENTAL INFORMATION DISCLOSURE STATEMENTMail Stop: Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR § 1.8(a)]	
I hereby certify that this correspondence is being:	
<input checked="" type="checkbox"/>	deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.
<input type="checkbox"/>	transmitted by facsimile on the date shown below to the United States Patent and Trademark Office at 571-273-8300.
Date <u>February 9, 2006</u>	Signed by: <u>Jessica L. Nolan</u> Signed by: Jessica L. Nolan

Dear Sir:

Pursuant to 37 CFR §§ 1.56, 1.97, and 1.98, enclosed is a completed Form PTO-1449, citing references submitted for consideration by the Examiner. It is respectfully requested that the Examiner initial and return the enclosed Form PTO-1449 to indicate that each reference has been considered.

Copies of any cited foreign patents, foreign publications, non-patent literature documents, and any pending U.S. applications filed before June 30, 2003, are enclosed. Copies of any pending U.S. applications filed after June 30, 2003 that can be accessed on the USPTO's IFW system are not enclosed as per USPTO Waiver dated September 21, 2004. Copies of any U.S. patents and published U.S. patent applications are not enclosed.

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Application No.: 10/666098

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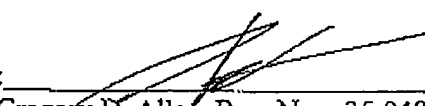
Case No.: 58961US002

This Information Disclosure Statement is being mailed after receipt of a first Office Action on the merits, but prior to the mailing of a Notice of Allowance under 37 CFR § 1.311. Please charge the fee for consideration of an Information Disclosure Statement set forth in 37 CFR § 1.17(p) to Deposit Account No. 13-3723, and if necessary, please charge any additional fees, or credit any overpayment to Deposit Account No. 13-3723. One copy of this sheet marked duplicate is also enclosed.

Respectfully submitted,

February 9, 2006  
Date

By:

  
Gregory D. Allen, Reg. No.: 35,048  
Telephone No.: 651-736-0641

Office of Intellectual Property Counsel  
3M Innovative Properties Company  
Facsimile No.: 651-736-3833

**COPY****COPY**

Substitute for form 1449AJP 10 (7/03)

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Page 1 of 1

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Application Number	10/666098
Filing Date	September 18, 2003
First Named Inventor	Rosenflanz, Anatoly Z.
Art Unit	1755
Examiner Name	Karl E. Group
Attorney Case Number	58961US002

U.S. Patent Documents					
Exam. Init.*	Cite No.	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Doc. Number-(Kind Code if Known)			
	A1	US- 3,560,780	03-21-1972	Connelly	
	A2	US- 4,014,122	03-29-1977	Woods	
	A3	US- 4,472,511	09-18-1984	Mennemann et al.	
	A4	US- 4,812,422	03-14-1989	Yuhaku et al.	
	A5	US- 5,071,801	12-10-1991	Bedard et al.	
	A6	US- 5,122,176	06-16-1992	Goettler	
	A7	US- 5,378,662	01-03-1995	Tsuyuki	
	A8	US- 5,763,345	06-09-1998	Ohshima et al.	
	A9	US- 6,128,430	10-03-2000	Chu et al.	
	A10	US- 6,214,429 B1	04-10-2001	Zou et al.	
	A11	US- 6,268,303 B1	07-31-2001	Altken et al.	
	A12	US- 6,482,761 B1	11-19-2002	Watanabe et al.	
	A13	US- 2005/0075233 A1	04-07-2005	Weber et al.	

Foreign Patent Documents							
Exam. Init.*	Cite No.	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation (Check if yes)
		Ctry. Code	Number-Kind Code (if known)				
	B1	JP	3-113428	05-14-1991			Abstract
	B2	JP	5-226733	09-03-1993			Abstract
	B3	KR	9601009	04-12-1993			Abstract
	B4	WO	03/001776 A1	01-03-2003			
	B5						

OTHER DOCUMENTS			
Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation (Check if yes)
	C1		
	C2		

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*Examiner:	Date Considered:
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement)

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DUE DATE(S) \_\_\_\_\_  
ATTORNEY GDA  
DOCKETED mePatent  
Case No.: 58961US002

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: ROSENFLANZ, ANATOLY Z.

COPY

Application No.: 10/666098

Group Art Unit: 1755

Filed: September 18, 2003

Examiner: Elizabeth Bolden

Title: CERAMICS COMPRISING  $Al_2O_3$ ,  $Y_2O_3$ ,  $ZrO_2$  AND/OR  $HfO_2$ , AND  $Nb_2O_5$   
AND/OR  $Ta_2O_5$  AND METHODS OF MAKING THE SAMEINFORMATION DISCLOSURE STATEMENTCommissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on:

June 10, 2004  
DateLisa Hengen  
Signed by: Lisa Hengen

Dear Sir:

Pursuant to 37 CFR §§ 1.56, 1.97, and 1.98, enclosed is a completed Form PTO-1449, citing references submitted for consideration by the Examiner. A copy of each cited reference is also enclosed. It is respectfully required that the Examiner initial and return the enclosed Form PTO-1449 to indicate that each reference has been considered.

This submission includes information that is proprietary, hence this information is submitted for consideration under M.P.E.P. 724 as proprietary material not to be open to the public.

It is believed that no fee is due; however, in the event a fee is required, please charge the fee to Deposit Account No. 13-3723.

Respectfully submitted,

COPY

Date

June 3, 2004

By:

Gregory D. AllenGregory D. Allen, Reg. No.: 35,048  
Telephone No.: (651) 736-0641Office of Intellectual Property Counsel  
3M Innovative Properties Company  
Facsimile No.: 651-736-3833

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Substitute for form 1449A/PTO (modified)  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)  Page 1 of 1	Application Number	10/666098
	Filing Date	September 18, 2003
	First Named Inventor	Rosenflanz, Anatoly Z.
	Art Unit	1755
	Examiner Name	Elizabeth Bolden
	Attorney Case Number	58961US002

U.S. Patent Documents					
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	A1	US-			

Foreign Patent Documents							
Exam. Init.	Cite No.	Foreign Patent Document Ctry. Code Number-Kind Code (if known)		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation (Check if yes)
	B1						

OTHER DOCUMENTS			
Exam. Init.	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation (Check if yes)
	C1	U.S. Application entitled "Alumina-Yttria Particles and Methods of Making The Same", filed December 18, 2003, having U.S. Serial No. 10/740262 (Attorney Docket No. 58716US002)	
	C2	U.S. Application entitled "Method of Making Abrasive Particles", filed December 18, 2003, having U.S. Serial No. 10/739420 (Attorney Docket No. 58794US002)	
	C3	U.S. Application entitled "Method of Making Abrasive Particles", filed December 18, 2003, having U.S. Serial No. 10/739624 (Attorney Docket No. 58796US002)	
	C4	U.S. Application entitled "Transparent Fused Crystalline Ceramics, And Method of Making The Same", filed December 18, 2003, having U.S. Serial No. 10/739439 (Attorney Docket No. 58797US002)	
	C5	U.S. Application entitled "Method of Making Abrasive Particles", filed December 18, 2003, having U.S. Serial No. 10/739440 (Attorney Docket No. 59437US002)	
	C6	U.S. Application entitled "Method of Making Abrasive Particles", filed December 18, 2003, having U.S. Serial No. 10/740096 (Attorney Docket No. 59438US002)	
	C7	U.S. Application entitled "Method of Making Abrasive Particles", filed December 18, 2003, having U.S. Serial No. 10/73944 (Attorney Docket No. 59439US002)	
	C8	U.S. Application entitled "Powder Feeding Method and Apparatus", filed December 18, 2003, having U. S. Serial No. 10/739233 (Attorney Docket No. 59440US002)	

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*Examiner:	Date Considered:
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	